

Title (en)

SYSTEMS AND METHODS FOR CREATING A MANUFACTURER'S JOINT AND CLOSING A BOX

Title (de)

SYSTEME UND VERFAHREN ZUM FERTIGEN EINER HERSTELLERVERBINDUNGSSTELLE UND ZUM SCHLIESSEN EINES KARTONS

Title (fr)

SYSTÈMES ET PROCÉDÉS POUR CRÉER UN RACCORD DE FABRICANT ET FERMER UNE BOÎTE

Publication

EP 2512931 B1 20190424 (EN)

Application

EP 10838183 A 20101213

Priority

- US 28625409 P 20091214
- US 2010060131 W 20101213

Abstract (en)

[origin: WO2011075445A1] A system is disclosed for sealing a manufacturer's joint and/or the ends of a customized box. The system includes at least a first arm spaced apart from a second arm. The arms are arranged so that an end flap of a box blank can be inserted between the arms to align the box blank relative to the arms and secure and maintain at least two side panels of the box blank in an adjacent position to form a manufacturer's joint. Methods for forming and sealing a manufacturer's joint and/or the ends of a customized box are also disclosed. Such methods, are designed to, for example, reliably form, close, and seal the manufacturer's joint and/or the ends of a customized box in a simplified manner.

IPC 8 full level

B31B 50/72 (2017.01); **B31B 50/62** (2017.01); **B65B 51/06** (2006.01); **B31B 100/00** (2017.01); **B31B 110/35** (2017.01)

CPC (source: EP US)

B31B 50/726 (2017.07 - EP US); **B31B 50/004** (2017.07 - EP US); **B31B 50/724** (2017.07 - EP US); **B31B 2100/00** (2017.07 - EP US); **B31B 2100/0022** (2017.07 - EP US); **B31B 2110/35** (2017.07 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

WO 2011075445 A1 20110623; EP 2512931 A1 20121024; EP 2512931 A4 20150729; EP 2512931 B1 20190424; ES 2733512 T3 20191129; PL 2512931 T3 20200228; US 2012329627 A1 20121227; US 9227373 B2 20160105

DOCDB simple family (application)

US 2010060131 W 20101213; EP 10838183 A 20101213; ES 10838183 T 20101213; PL 10838183 T 20101213; US 201013514340 A 20101213